Sl No	Item Name	Un
35	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust-and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.(I No-7.7,P No-32)	Sqm
36	KSRB 9-2.3 :Providing Sal wood wrought and putup for purlins, common rafters and similar work including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.27	Sqm
37	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(I No-15.21,P No-114)	Sqm
38	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(I No-15.12,P No-113)	Sqm
39	KSRB15-3.9 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(I No-5.17,P No-114)	Sqm
40	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty.Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials,cost of labour and scaffolding etc., complete as per the specification..[P.No.126 - I. No.15.106]	Sqm
41	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications.with primer[P.No.117 - I.No.15.51.2]	Sqm
42	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.(I No-15.38,P No-115)	Sqm
43	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm
44	Providing & applying water proofing to roof slab,terraces,landscape area,podium etc., using modified polyurethane cures (conforming to ASTM C836-84 to give a tough elastomeric waterproof membrane on the surface.The surface shall be cleaned free from dust and other particle before usage.[P.No.271 - I. No.38.2]	Sqm

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	1.17	3812.40	4460.51	1.17	4460.51	
-	-	0.10	68192.28	6819.23	0.10	6819.23	
-	-	12.00	208.44	2501.28	12.00	2501.28	
-	-	52.28	221.40	11574.79	52.28	11574.79	
-	-	416.92	213.84	89154.17	416.92	89154.17	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	

Sl No	Item Name	U
45	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to ISI 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings,this includes jointing of pipes and fittings with one step solvent cement trenching refilling & testing of joints complete.(external work)25mm nominal OD pipes[P.No.97-I.No.13.87.2 & 5]	m
46	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V.C flushing cistern (all are approved make) with fittings, C.l I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.(I No-12.1,P No-77)	pan
47	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701:1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity)Specification No.KBS 13.22 (I No-13.78,P No-94)	Nos
48	KSRB 8.6-5: Providing and fixing on wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoest bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications.(I No-8.16,P No-47)	m
49	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of Each approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(I No-13.23,P No-91)	each
50	KSRB 11-11.7 : Providing and fixing white vitreous china clay, angle back wash basin size 400 x 400 mm with a single 15mm C.P brass pillar tap with C.l I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required,' including cost of materials, labour complete as per specifications. (I No-12.29,P No-81)	Uni
51	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 110mm dia (I No-12.116.1,P No-88)	m
52	KSRB 11-18-5.1 : Providing and fixing **sand cast iron soil waste** single equal junction of required degree with access door 1 00x1 00x1 OOmm, insertion of rubber washers 3mm thick bolts and nuts, including cost of materials, labour, testing complete as per specifications. KBS 11-1.10. (Item No.12.59 Pg No.84)	Nos
53	KSRB 11-18-16.1 : Providing and fixing **sand cast iron soil waste** 152mm offsets for 100 mm pipes, including cost of materials, labour, testing complete as per specifications. Specification No. KBS 11.1.1 0 (Item No.12.86 Pg No.86)	No
54	Providing stoneware **gully trap** of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead). (Item No.12.112.1 Pg No.88) 10 cms x 10cms	No
55	KSRB 11-18-1.1 : Providing and **fixing sand cast iron soil waste and vent pipes 100mm dia** with spun yarn soaked in cement slurry and cement mortar 1:2 including cost of materials, labour, testing complete as per specifications. KBS 11-1.10 (Item No. 12.47 Pg No. 83)	m

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	- 0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
56	KSRB 12-1 .1 : Providing and laying in position to required level or slope 150 mm internal diameter **salt glazed stoneware pipes** grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 I 12.7 (Item No. 11.12 Pg No. 70)	m
57	KSRB 12-8.1 : Constructing brick masonry **inspection chamber** 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.l cover withframe (light duty) 600 x 600 x 450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1 :3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS (Item No.11.50.1 Pg No. 73)	Nos
58	KSRB 12-7.1 : Making connection of **drain or sewer line** of size 100 to 230mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and downsize granite metal, cement plastered on both sides of mix 1 :3, finished with a floating coat of neat cement, and making necessary channels for the drain, including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS (Item No.11.47 Pg No. 73)	Nos
59	Electrical Items :- Supplying.....mm dia 2mm2.5mm thick heavy gauge **PVC conduit pipe** with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary(2/2) b) 25mm dia 2mm thick (P-2, I-2b)	m
60	Groove cutting in the wall supplying ....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.(2/3) b) 25mm dia 2mm thick (P-2, I-3b)	m
61	Supply and fixing of **metal fan hook box** (P-11, I-32)	each
62	Supplying and flush mounting **teak wooden box** without front plank made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (3/6) d) 8"x6"x3" (P-3, I-6d)	each
63	Supplying and wiring adopting **loop system in existing PVC Conduit** /casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (3/8) I) Point wiring using Group A Materials a) Short point up to 3Mtr from tapping point to out let via switch (P-4, I-1a)	each
64	Supply and fixing of **bakelite D.P/Socket/ switch** with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches.(6/14)I) Using Group 'A' Material. I) Using Group 'A' Material. a) 32Amps Flush/project type DP switch (P-7, I-14 I a)	each

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
65	Wiring for lighting/power circuit using one of **PVC insulated 1100v** grade, multistrand Copper conductor single core cable in open or concealed system of wiring .(9/20) I) Group A Materials. I) Group A Materials. b) 1.5 sqmm (P-9, I-20 I b)	m
66	Supplying **4mm thick plastic sheet** with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F. screws. (P-10, I-22)	sqcm
67	Supply and fixing of **230 volts CFL lamp holder**	each
68	Supplying and fixing **cast Alluminium round or oblong type bulk head fitting** with GI wire guard, glass cover with 15Watts 230V CFL lamp as required. a) Group 'A' (P-13, 6 a)	each
69	Supplying capacitor **type ceiling fan** complete with down rod blades, shackle, canopies etc., for operation on 230 volts, and 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved. (23/23) I) 56" Sweep (1400mm) a) Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj, Havells/Usha) I) 56" Sweep (1400mm). .Item No 9.3.3, Group 'A' Pg No 84	each
70	Supplying & fixing of **Porcelain fuse channel** with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete.(30/3) c) 63 Amps (P-32, I - 3 c)	each
71	Digging of trench of 0.6m deep x 0.50 Mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) (68/12) a) In hard soil (P-70, I - 6 b)	m
72	Supplying and running **GI/Copper conductor** for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.,Item No 7.22.3, Pg No 70	m
73	Supplying, fixing, **Wiring, earth electrode for grounding conduits,** I.C. cutouts and other equipments on the meter board using 40mm dia 2.90mm thick Gl pipe 2.5 mtr long buried in a pit .. . The pit shoutd be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through Gl wire of size as per lSI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts; washers and checkouts etc, the pipe shall have 16 through holes of 122 mm dia Supplying Item No 7.1, Pg No 62	each
74	Supplying and fixing of **modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc** on existing modular switch plate.ls 3854 and IS 1293. Item No 9.2.1, Group 'A' Pg No 84	each
75	Supplying **exhaust fan** of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable for operate on 230V 50Hz, AC Supply.Item No 9.2.1, Group 'A' Pg No 84	each
76	Providing and fixing dadoing with Glazed tiles of approved size, make & sample and of 6mm minimum thick of first quality, conforming to IS specifications, set in cement mortar 1:3 (1 cement : 3 fine sand) 10mm thick with a thin coat of cement slurry on the rough plastered surfaces including finishing the joints with matching coloured cement, oxalic acid wash, waxing, curing etc. with all lead and lift etc. complete as per the directions of the Engineer-in-charge including cost & conveyance of all materials, cost of labour for all items of work, equipment and all other incidental charges for the successful completion of the work.(I No-14.41.1,P No-106)	sqm
77	Removing and resetting of Kerb stone I:34.18	mtr

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	0.00	0.00	0.00	0.00	0.00	

Sl No	Item Name	Unit
78	Providing and fixing precast solid concrete kerb stones made out of CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete P. No. 25 I. No.5.29.2	Nos
	Total	
	KRIDL Charges (1%)	9%
	Grand Total	

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	0.00	0.00	0.00	0.00	0.00	
0.00	0.00		17,70,187-	17070950.85		17070950.85	17,70,187-00
			15,36,317	1877804.593		1877804.59	15,36,317-00
		G.Total	18606504-	18948755.44		18948755.44	1,86,06,504-00

Certified that the work done by the above agency is satisfactory

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore